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$$\begin{array}{ccccccc} \text{H}_2\text{C}=\text{CH}- & \text{CH}_2-\text{CH}(\text{CN})- & \text{CH}_2-\text{CH}(\text{CN})- & \text{CH}_2-\text{CH}(\text{CN})- & \text{CH}_2-\text{CH}(\text{CN})- & \text{CH}_2-\text{CH}(\text{CN})- & \text{CH}_2-\text{CH}(\text{CN})- \\ | & | & | & | & | & | & | \\ \text{O} & \text{O} & \text{O} & \text{O} & \text{O} & \text{O} & \text{O} \\ || & || & || & || & || & || & || \\ \text{C} & \text{C} & \text{C} & \text{C} & \text{C} & \text{C} & \text{C} \\ / & \backslash & / & \backslash & / & \backslash & / \\ \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \end{array}$$

1. A method for performing auto-calibration in a relative pointing device for a computer user interface, the system comprising the steps of
 detecting whether or not the user is indicating a selection with the device by sensing a change in state from an out of presence state to an in presence state; and
 using the detected indication to calibrate the device.

2. The method of claim 1, further comprising the steps of creating a profile of readings of the device for a plurality of detections; and using the profile to automatically calibrate a zero-position for the device.

3. The method of claim 2, further comprising the step of augmenting profiles of user use with special hardware features.

4. The method of claim 1, further comprising the step of automatically calibrating for finger geometry.